Stephanie Matos

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SELF-MOTIVATED PROFESSIONAL

CONFIGURATION: Competent detail- oriented electrical engineer offering strong communication, technical efficiency, professionalism soft skills and talented in engineering project management and design. Remains composed, calm, and neutral in any type of situation. I am looking for electrical engineering experience specifically related to renewable energy or vehicles- aeronautical/aerospace engineering for aircraft and space vehicles; marine engineering for ships and submarines, or automobile or automotive engineering. Specifically working on the technology incorporated within such vehicles.

EDUCATION:

SUNY New Paltz – New Paltz, New York **Graduating; December 2021**
Bachelor of Science in Electrical Engineering

- Minor in Black Studies
- Deans List; Fall 2018 – Present

EXCEEDED COURSEWORK: Energy Systems, Cybersecurity 1, Linear Algebra, Calculus 3, Data and Statistical Analysis
SKILS: Critical Thinker, Time Management, Collaborative Work, Initiator/ Follower, People – oriented
SOFTWARE: Kile KMD Software, LT/ P Spice, Microsoft Office, Windows X/ Macintosh Software, Figma, SwiftUI
LANGUAGES: C/C++, HTML, Beginner Python& Lennox, Arduino, Proficient Spanish

CERTIFICATIONS:

September 2020 - Aerospace Industries Association NAS9932-2 Industry Recognized Apprenticeship Program, Internship Program

LEADERSHIP AFFILIATIONS:

- National Society of Black Engineers - Event Coordinator
- Society of Hispanic Professional Engineers – Secretary
- Mu Sigma Upsilon Sorority Inc. – President, Community Service Chair, Programming Manager

PROJECTS:

Senior Design Final Project, Wearable Device **Team Leader Fall 2020 – Spring 2021**

- Collaborated with fellow peer computer, electrical, and mechanical engineers to create a wearable vest that contains sensors to track breathing, posture, and other intricate body vitals
- Aided in iOS app creation and design

Microcontrollers Final Project, Ultimate Traffic Light **Spring 2021**

- Rural / Urban Traffic light manipulated by a 4X4 matrix keypad, which was used to switch the traffic light into different modes.
- Hardware included 6 LEDs that correlated to the NW and SW traffic light, LCD display with potentiometer, and a 7-segment display for the Urban traffic light countdown all correctly wired to STM32F446 board.

Microcontrollers Midterm Project, 4 Bit Binary Calculator **Spring 2021**

- The incorporation of 10 dip switches and 5 LEDs were used to create 4 bit binary calculator
- Four switches for input A, 4 switches for input B, and two last switches used to determine operation mode: addition, subtraction, multiplication, and division.

EXPERIENCE:

SUNY New Paltz Instructional Media Services, New Paltz, NY **Receptionist** **August 2016- Present**

- Inputs equipment/ service orders and files all the department's important paperwork while also prepping equipment that is taken out or returned
- Continuously organizes and creates new innovative ways to improve the office space

Amazon Logistics, New Windsor, NY **Cargo Van Delivery Driver** **June 2021 – October 2021**

- Exceptional customer service/ soft skills experience with 250+ deliveries and 280+ packages
- Utmost responsibility when handling companies' vehicles and cargo as well as maintain extraordinary representation of company's image; mastered the art of being professionally empathetic

L3Harris Corp. Summer Co-op, Rochester, NY **Radio Technician Intern** **June 2019– August 2019 & July 2020 – August 2020**

- Install and activate mission plans on different kinds of radios for field test missions
- Execute multiple radio test by entering commands and reading black-side encryption while recording and analyzing receiving data
- Developed understanding of how antenna bandwidths correlate with frequency and how weather conditions can affect this
- Retrieve data from radios, manage and upload all information to company's drive, as well as efficiently calibrate all testing radios before conduction different or same test